

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at partial-record stations for current water year, including crest-stage stations, are presented in the following tables. Discharge measurements made at partial-record stations, miscellaneous sites (denoted by 15-digit site identifier), and crest-stage stations are given in separate tables.

## Crest-stage partial-record stations

A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

## Maximum discharge and stage at partial-record stations

Station name and number	Location and drainage area	Period of record	Water year 2001 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
MONONGAHELA RIVER BASIN								
Buckhannon River at Buckhannon, WV (03052450)	Lat 39°00'19", long 80°12'34", Upshur County, Hydrologic Unit 05020001, Drainage area is 217 mi <sup>2</sup> . Datum of gage is 1,410.00 ft above sea level.	2000-2001*	2-16-2001	18.52	3,750	2-19-2000	26.22	(a)
Tygart Valley River at Colfax, WV (03057000)	Lat 39°26'06", long 80°07'58", Marion County, Hydrologic Unit 05020001, on right bank at highway bridge at Colfax, 300 ft upstream from Guyses Run, and at mile 6.2. Records include flow of Guyses Run. Drainage area is 1,363 mi <sup>2</sup> . Datum of gage is 856.27 ft above sea level, supplementary adjustment of 1944.	1939-1995≠ 1996-2001*	7-11-2001 (b)	12.41	13,200	3-5-1963 11-5-1985	(c)19.77 --- (e)31,700	--- ---

≠ Operated as a continuous-record gaging station.

\* Gage-height records on file in district office.

a Discharge not determined.

b From float tape indicator.

c Backwater from West Fork River.

e Estimated.

## Maximum discharge and stage at partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2001 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
MONONGAHELA RIVER BASIN--Continued								
West Fork River at Walkersville, WV (03057300)	Lat 38°52'07", long 80°27'29", Lewis County, Hydrologic Unit 05020002, on left bank at downstream side of highway bridge on Secondary Route 44, in Walkersville, 100 ft down- stream from Right Fork, and at mile 95.8. Drainage area is 28.8 mi <sup>2</sup> . Datum of gage is 1,070.64 ft above sea level.	1984-1992≠ 1993-2001*	2-15-2001	(b)12.22	1,310	8-18-2000 11-4-1985	(d)20.60 ---	--- 3,390
West Fork River at Butcherville, WV (03058500)	Lat 39°05'26", long 80°28'04", Lewis County, Hydrologic Unit 05020002, on right bank at Butcherville, 0.5 mi upstream from Freemans Creek, 3,500 ft downstream from abandoned railroad bridge, 3.0 mi north of Weston, and at mile 65.0. Drainage area is 181 mi <sup>2</sup> . Datum of gage is 993.0 ft above sea level.	1915-2000≠ 2001*	5-22-2001	5.86	2,480	6-25-1950	16.81	18,000
Shavers Fork at Bemis, WV (03068000)	Lat 38°48'27", long 79°44'16", Wayne County, Hydrologic Unit 05090102, on right bank at downstream side of secondary highway bridge at Bemis. Drainage area is 115 mi <sup>2</sup> . Datum of gage is 2,572.56 ft above sea level.	1922-1926≠ 1974-1979≠ 1999-2001*	7-29-2001	7.47	4,200	1-26-1978 6-2-1974	9.62	14,600
Shavers Fork at Parsons, WV (03069000)	Lat 39°05'46", long 79°40'37", Tucker County, Hydrologic Unit 05020004, on right bank at Parsons, 0.7 mi upstream from confluence with Black Fork. Drainage area is 213 mi <sup>2</sup> . Datum of gage is 1,634.87 ft above sea level.	1911-1926≠ 1941-1993≠ 1997-2001*	7-29-2001	(b)6.19	5,140	11-5-1985	(f)19.86	43,000

≠ Operated as a continuous-record gaging station.

\* Gage-height records on file in district office.

b From float tape indicator.

d From floodmark, backwater.

f From floodmark.

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

## Maximum discharge and stage at partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2001 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
OHIO RIVER MAIN STEM								
Ohio River near Marietta, OH (03150800)	Lat 39°23'21", long 81°29'03", Washington County, Hydrologic Unit 05030202, on right bank, 1.5 mi southwest of Marietta, 2.0 mi downstream from Muskingum River, and at mile 174.3 measured downstream from Pittsburgh, Pa. Drainage area is approximately 35,620 mi <sup>2</sup> . Datum of gage is 567.12 ft, Sandy Hook datum.	1969-2001*	4-12-2001	26.23	(a)	1-21-1996	39.32	(a)
LITTLE KANAWHA RIVER BASIN								
Little Kanawha River below Burnsville Dam, WV (03151520)	Lat 38°50'41", long 80°37'45", Braxton County, Hydrologic Unit 05030203, on right bank 2,600 ft downstream from Burnsville Dam, 1.6 mi south- east of Burnsville, and at mile 126. Drainage area is 163 mi <sup>2</sup> . Datum of gage is 750.00 ft above sea level, (U.S. Army Corps of Engineers Bench Mark).	1976-1982≠ 1983-1986* 1987-1993≠ 1994-2001*	5-20-2001	8.01	(a)	11-4-1985 (g) 8-6-1996	11.78 ---	--- 2,540
Little Kanawha River at Burnsville, WV (03151600)	Lat 38°51'54", long 80°40'35", Braxton County, Hydrologic Unit 05030203, on right bank, 70 ft upstream from Buffalo Creek, 1.0 mi northwwest of Burnsville, 1.4 mi downstream from Oil Creek, 1.8 mi downstream from Saltlick Creek, and 1.9 mi downstream from Burnsville, and at mile 122. Drainage area is 248 mi <sup>2</sup> . Datum of gage is 738.66 ft above sea level.	1974-1978≠ 1979-1983* 1991-2001*	2-17-2001	8.74	(a)	6-2-1974	16.32	6,890
Little Kanawha River at Glenville WV (03152000)	Lat 38°56'02", long 80°50'21", Gilmer County, Hydrologic Unit 05030203, on right bank at abandoned bridge on Conrad Court Street at Glenville, 1,400 ft upstream from Sycamore Run, and at mile 105. Drainage area is 387 mi <sup>2</sup> . Datum of gage is 697.79 ft above sea level.	1915-1922 1929-1983≠ 1984-2000≠ 2001*	5-23-2001	17.73	5,970	11-5-1985 (f)	36.46	26,900

≠ Operated as a continuous-record gaging station.

\* Gage-height records on file in district office.

a Discharge not determined.

g Backwater.

f From floodmark.

## Maximum discharge and stage at partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2001 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
LITTLE KANAWHA RIVER BASIN--Continued								
Little Kanawha River at Grantsville, WV (03153500)	Lat 38°55'19", long 81°05'52", Calhoun County, Hydrologic Unit 05030203, on left bank 1,000 ft downstream from bridge on State Highway 16 at Grantsville, 1,200 ft downstream from Philip Run, and at mile 79.7. Drainage area is 913 mi <sup>2</sup> . Datum of gage is 652.83 ft above sea level, adjustment of 1912.	1929-1978≠ 1979-2001*	5-23-2001	26.50	14,700	3-7-1967	(f)43.9	35,100
West Fork Little Kanawha River at Rocksdale, WV (03154000)	Lat 38°50'39", long 81°13'22", Calhoun County, Hydrologic Unit 05030203, on right bank on State Route 11, 850 ft downstream from Henry Fork at Rocksdale, 9.0 mi southwest of Grantsville, and at mile 14.5. Drainage area is 205 mi <sup>2</sup> . Datum of gage is 657.85 ft above sea level, adjustment of 1912.	1929-1931≠ 1938-1975≠ 1976-2001*	5-23-2001	19.96	(a)	3-2-1997 4-16-1939	(f)31.55 ---	--- 20,200
KANAWHA RIVER BASIN								
Gauley River at Camden-on- Gauley, WV (03187000)	Lat 38°21'57", long 80°36'04", Webster County, Hydrologic Unit 05050005, on right bank in town of Camden on Gauley, 0.2 mi downstream from Coon Creek, and 0.9 mi upstream from Strouds Creek, and at mile 69.6. Drainage area is 236 mi <sup>2</sup> . Datum of gage is 2,003.28 ft, adjustment of 1912.	1909-1916≠ 1930-1975≠ 1976-2001*	7-29-2001	16.78	(a)	7-4-1932	27.38	42,500
Elk River at Sutton, WV (03195500)	Lat 38°39'47", 80°42'35", Braxton County, Hydrologic Unit 05050007, on left bank, 150 ft upstream from highway bridge at Sutton, 0.5 mi upstream from Granny Creek, 0.9 mi down- stream from Sutton Dam, 2.5 mi downstream from Wolf Creek, and at mile 102.1. Drainage area is 542 mi <sup>2</sup> . Datum of gage is 800.00 ft above sea level.	1939-1992≠ 1993-2001*	5-24-2001	20.56	(a)	1-29-1957	39.30	34,200

≠ Operated as a continuous-record gaging station.

\* Gage-height records on file in district office.

a Discharge not determined.

f From floodmark.

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

## Maximum discharge and stage at partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2001 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
KANAWHA RIVER BASIN--Continued								
Elk River near Frametown, WV (03196600)	Lat 38°35'32", long 80°53'05", Braxton County, Hydrologic Unit 05050007, on right bank opposite mouth of Birch River, at village of Glendon, 2.2 mi upstream from Strange Creek, 3.2 mi southwest of Frametown, and at mile 82.6. Records include flow of Birch River. Drainage area is 751 mi <sup>2</sup> , includes that of Birch River. Datum of gage is 775.51 ft above sea level.	1959-1981≠ 1982-2001*	5-19-2001	13.07	(a)	7-31-1996	20.39	30,300
OHIO RIVER MAIN STEM								
Ohio River at Point Pleasant, WV (03201500)	Lat 38°50'25", long 82°08'30", Mason County, Hydrologic Unit 05030202, on left bank at Point Pleasant, 1,200 ft upstream from Kanawha River, and at mile 265.6, measured downstream from Pittsburgh, Pa. Drainage area approximately 52,740 mi <sup>2</sup> , includes that of Kanawha River. Datum of gage is 514.10 ft, Sandy Hook datum.	1940-1977≠ 1978-2001*	5-23-2001	31.72	(a)	4-16-1948	55.00	(a)
GUYANDOTTE RIVER BASIN								
Guyandotte River below R. D. Bailey Dam, WV (03202915)	Lat 37°35'53", long 81°49'46", Mingo County, Hydrologic Unit 05070101, on right bank, 500 ft upstream from Little Huff Creek, 2,500 ft down- stream from R.D. Bailey Dam and 0.5 mi northeast of Justice, and at mile 111.6. Drainage area is 535 mi <sup>2</sup> . Datum of gage is 880.00 ft above sea level.	1979-1982≠ 1983-1986* 1987-1991≠ 1992-2001*	5-22-2001	10.03	(a)	6-22-1979	13.90	16,800
Guyandotte River at Man, WV (03203000)	Lat 37°44'25", long 81°52'37", Logan County, Hydrologic Unit 05070101, on right bank at downstream side of highway bridge at Man, 500 feet up- stream from Buffalo Creek, and 0.7 mile downstream from Huff Creek, and at mile 93.4. Drainage area is 758 mi <sup>2</sup> . Datum of gage is 710.88 ft, adjustment of 1912.	1928-1962≠ 1963-2001*	5-22-2001	13.51	(a)	3-12-1963	24.78	49,000

≠ Operated as a continuous-record gaging station.

\* Gage-height records on file in district office.

a Discharge not determined.

## Maximum discharge and stage at partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2001 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
GUYANDOTTE RIVER BASIN--Continued								
Guyandotte River at Branchland, WV (03204000)	Lat 38°13'15", long 82°12'10", Lincoln County, Hydrologic Unit 05070102, on right bank at upstream side of highway bridge at Branchland, opposite mouth of Fourmile Creek, and at mile 35.3. Records include flow of Fourmile Creek. Drainage area is 1,224 mi <sup>2</sup> . Datum of gage is 547.91 ft above sea level.	1915-1917≠ 1917-1922* 1929-1995≠ 1996-2001*	5-19-2001	24.15	(a)	3-13-1963	43.83	44,500
OHIO RIVER MAIN STEM								
Ohio River at Huntington, WV (03206000)	Lat 38°24'48", long 82°30'02", Lawrence County, Ohio, Hydrologic Unit 05090101, on right bank at lock 28 at Sybene, Ohio, 0.1 mi upstream from Fourpole Creek, 3.0 mi downstream from Symmes Creek, and at mile 311.5, measured downstream from Pittsburgh, Pa. Drainage area approximately 55,850 mi <sup>2</sup> . Datum of gage is 490.26 ft, Sandy Hook datum.	1935-1986≠ 1987-2001*	5-24-2001	39.65	(a)	1-27-1937 1-28-1937	69.45 ---	--- 654,000
TWELVEPOLE CREEK BASIN								
East Fork Twelvepole Creek below East Lynn Dam, WV (03206790)	Lat 38°08'52", long 82°23'00", Wayne County, Hydrologic Unit 05090102, on left bank, 800 ft downstream from Laurel Creek, 1,700 ft downstream from East Lynn Dam, 1.4 mi south of the town of East Lynn, 2.3 mi upstream from Camp Creek, 6.0 mi southeast of the town of Wayne, and at mile 41.7. Drainage area is 138 mi <sup>2</sup> . Datum of gage is 610.00 ft above sea level.	1962-1982≠ 1983-1986* 1991-2001*	5-23-2001	9.02	(a)	3-12-1968	(f)31.50	4,960

≠ Operated as a continuous-record gaging station.

\* Gage-height records on file in district office.

a Discharge not determined.

f From floodmark.

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

## Maximum discharge and stage at partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 2001 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)	Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
TWELVEPOLE CREEK BASIN--Continued								
Twelvepole Creek below Wayne, WV (03207020)	Lat 38°14'56", long 82°26'04", Wayne County, Hydrologic Unit 05090102, on left bank just below highway bridge on Secondary State Route 52/43, 1.9 mi northeast of Wayne, and at mile 26.5. Drainage area is 300 mi <sup>2</sup> . Datum of gage is 560.00 ft above sea level.	1967-1982≠ 1983* 1994-2001*	5-18-2001	16.40	(a)	2-28-1962	29.46	15,900
Beech Fork below Beech Fork Dam, WV (03207057)	Lat 38°18'18", long 82°25'28", Wayne County, Hydrologic Unit 05090102, on left bank, 2,500 ft downstream from Beech Fork Dam, 1.7 mi south- east of Lavalette, and at mile 3.0. Drainage area is 79.2 mi <sup>2</sup> . Datum of gage is 549.59 ft above sea level.	1976-1982≠ 1983-2001*	5-19-2001	8.47	(a)	4-5-1977	10.29	1,840

≠ Operated as a continuous-record gaging station.

\* Gage-height records on file in district office.

a Discharge not determined.

## Maximum discharge and stage at crest-stage stations

Station name and number	Location and drainage area	Period of record	Water Year 2001 maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
POTOMAC RIVER BASIN					
Heavener Run near Brandywine, WV (01607510)	Lat 38°37'59", long 79°13'49", Pendleton County, Hydrologic Unit 02070001, on right upstream end of 6 ft corrugated culvert on US Route 33, 1.1 mi northeast of Brandywine. Drainage area 1.04 mi <sup>2</sup> . Elevation of gage is approximately 1,550 ft above sea level, from topographic map.	1999-2001	5-23-2001	7.61	---
Little Cacapon River at Frenchburg, WV (01609650)	Lat 39°18'55", long 78°39'27", Hampshire County, Hydrologic Unit 02070003, on left upstream side of bridge, on County Route 50/9, 5 mi east of Romney. Drainage area 28.9 mi <sup>2</sup> .	1999-2001	3-22-2001	7.35	---
MONONGAHELA RIVER BASIN					
Unnamed Run at Gilman, WV (03050650)	Lat 38°58'35", long 79°50'16", Randolph County, Hydrologic Unit 05020001, on left upstream end of culvert on US Highway 219, 0.3 mi northeast of Gilman and 3.7 mi north of Elkins. Drainage area 0.38 mi <sup>2</sup> .	1999-2001	5-20-2001	5.38	---
Mud Lick Run near Buckhannon, WV (03052340)	Lat 39°00'17", long 80°15'23", Upshur County, Hydrologic Unit 05020001, on left upstream wingwall of culvert on US Highway 33 and 119, 1.5 mi west of Buckhannon. Drainage area 2.33 mi <sup>2</sup> . Datum of gage is 1,407.68 ft above sea level.	1999-2001	5-20-2001	6.04	---
Shavers Fork at Cheat Bridge, WV (03067500)	Lat 38°36'40", long 79°52'30", Randolph County, Hydrologic Unit 05020001, on upstream side of old steel truss bridge at Cheat Bridge, 35 mi south of Elkins, cross Shavers Fork on new bridge, proceed 1/4 mi to side road to old bridge. Drainage area is 57.9 mi <sup>2</sup> . Datum of gage is 3,542.93 ft above sea level.	1923-1926 1992-2001	7-29-2001	7.94	3,290
Buffalo Creek near Rowles- burg, WV (03069880)	Lat 39°17'19", long 79°42'16", Preston County, Hydrologic Unit 05020004, on left bank, 150 ft upstream from secondary highway bridge, 4.5 mi southwest of Rowlesburg, and at mile 2.8. Drainage area is 12.2 mi <sup>2</sup> . Elevation of gage is approximately 1,640 ft above sea level, from topographic map.	1967-1977 1994-2001	5-19-2001	3.95	725
MIDDLE ISLAND CREEK BASIN					
Buffalo Run near Little, WV (03114650)	Lat 39°29'13", long 81°00'27", Tyler County, Hydrologic Unit 05030201, on left bank, 1.0 mi northwest of Little, and at mile 1.4. Drainage area is 4.19 mi <sup>2</sup> . Elevation of gage is approximately 660 ft above sea level, from topographic map.	1969-1977 1994-2001	1-31-2001	5.57	124

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

## Maximum discharge and stage at crest-stage stations--Continued

Station name and number	Location and drainage area	Period of record	Water Year 2001 maximum			
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)	
LITTLE KANAWHA RIVER BASIN						
Buck Run near Leopold, WV (03152200)	Lat 39°07'26", long 80°41'26", Doddridge County, Hydrologic Unit 05030203, on right bank 12 ft upstream from culvert on Secondary State Route 66, 0.3 mi upstream from mouth, and 2.6 mi east of Leopold. Drainage area is 2.91 mi <sup>2</sup> . Elevation of gage is approximately 840 ft above sea level, from topographic map.	1970-1977 1994-2001	7-30-2001	5.34	316	
Goose Creek near Petroleum, WV (03155525)	Lat 39°12'47", long 81°13'52", Ritchie County, Hydrologic Unit 05030203, on right upstream side of bridge, on County Route 18, 2.7 mi south of US Route 50, 2 mi south of Nutter Farm, 2.5 mi northeast of Petroleum. Drainage area 25.3 mi <sup>2</sup> .	1999-2001	5-22-2001	22.53	---	
KANAWHA RIVER BASIN						
Payne Branch near Oakvale, WV (03177100)	Lat 37°21'28", long 80°58'40", Mercer County, Hydrologic Unit 05050002, on left upstream side of bridge, on County Route 219/3, 1.8 mi northwest of Oakvale and 4 mi east of Princeton. Drainage area 8.64 mi <sup>2</sup> .	2000-2001	5-18-2001	6.51	---	
Big Creek near Bellepoint, WV (03184200)	Lat 37°40'28", long 80°48'52", Summers County, Hydrologic Unit 05050003, on left upstream wingwall of bridge, on Secondary Route 10, 4 mi northeast of Bellepoint. Drainage area 8.27 mi <sup>2</sup> . Datum of gage is 1,407.68 ft above sea level.	1969-1977 1999-2001	5-21-2001	6.02	---	
Anglins Creek near Nallen, WV (03190100)	Lat 38°08'28", long 80°50'13", Nicholas County, Hydrologic Unit 05050005, on left upstream side of bridge, on County Route 24/7, 0.7 mi southeast of Runa, 2 mi southeast of Pool, and 3 mi northeast of Nallen. Drainage area 23.5 mi <sup>2</sup> .	1999-2001	7-29-2001	(f)16.38	6,900	
Gilmer Run near Marlinton, WV (03193830)	Lat 38°19'12", long 80°05'52", Pocahontas County, Hydrologic Unit 05050007, on right bank 8 ft above entrance to culvert under Forest Service Road 151, 6.8 mi north of Marlinton 200 ft off US Route 219. Drainage area 1.80 mi <sup>2</sup> . Elevation of gage is approximately 3,120 ft above sea level. from topographic map.	1968-1977 1999-2001	7-29-2001	6.84	---	
Granny Creek at Sutton, WV (03195600)	Lat 38°40'36", long 80°42'47", Braxton County, Hydrologic Unit 05050007, on right bank, 10 ft upstream from culvert on US Highway 19, 0.7 mi upstream from mouth, and 1.0 mi northwest of Sutton. Drainage area is 6.98 mi <sup>2</sup> . Elevation of gage is approximately 840 ft above sea level, from topographic map.	1967-1977 1994-2001	5-24-2001	8.65	637	

f From floodmark.

## Maximum discharge and stage at crest-stage stations--Continued

Station name and number	Location and drainage area	Period of record	Water Year 2001 maximum		
			Date	Gage height (ft)	Dis- charge (ft <sup>3</sup> /s)
KANAWHA RIVER BASIN--Continued					
Ashleycamp Run near Lefthand, WV (03197150)	Lat 38°37'34", long 81°14'02", Roane County, Hydrologic Unit 05050007, on right upstream wingwall of culvert on State Route 36, 1.25 mi east of Lefthand. Drainage area 2.01 mi <sup>2</sup> . Elevation of gage is approximately 780 ft above sea level, from topographic map.	1999-2001	5-22-2001	6.00	---
Rock Creek near Danville, WV (03199300)	Lat 38°06'01", long 81°49'48", Boone County, Hydrologic Unit 05050009, on right bank 20 ft upstream from bridge on US Route 119, 1.5 mi north of Danville. Drainage area 12.2 mi <sup>2</sup> . Datum of gage is 675.46 ft above sea level.	1979-1984 1999-2001	7-29-2001	10.01	---
Poplar Fork at Teays, WV (03201410)	Lat 38°27'02", long 81°55'54", revised, Putnam County, Hydrologic Unit 05050008, on right wingwall at box culvert on Secondary Route 46, 0.6 mi east of Teays Valley. Drainage area is 8.47 mi <sup>2</sup> , revised. Datum of gage is 643.00 ft above sea level.	1967-1978 1992-2001	5-19-2001	9.29	736
GUYANDOTTE RIVER BASIN					
Marsh Fork at Maben, WV (03202245)	Lat 37°38'19", long 81°23'38", Wyoming County Hydrologic Unit 05070101, on left upstream wingwall of culvert, on State Route 97, 0.1 mi south of Maben, near Twin Falls State Park. Drainage area 4.85 mi <sup>2</sup> . Elevation of gage is approximately 1,590 ft above sea level, from topographic map.	1978-1980 1999-2001	7-8-2001	(f)15.38	5,800
Brier Creek at Fanrock, WV (03202480)	Lat 37°33'48", long 81°39'09", Wyoming County, Hydrologic Unit 05070101, on right bank on Secondary State Route 14, 0.3 mi south of Fanrock, and 0.3 mi upstream from mouth. Drainage area is 7.34 mi <sup>2</sup> . Elevation of gage is approximately 1,220 ft above sea level, from topographic map.	1969-1977 1994-2001	5-23-2001	5.34	328
OHIO RIVER BASIN					
Fourpole Creek near Huntington, WV (03206450)	Lat 38°21'45", long 82°23'37", Cabell County, Hydrologic Unit 05090101, on left upstream bridge abutment on County Route 48/1, 5 mi southeast of Huntington. Drainage area 4.02 mi <sup>2</sup> .	1999-2001	1-20-2001	9.65	438

f From floodmark.

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements in the following table were made at partial-record stations and miscellaneous sites throughout the State.

## Discharge measurements made at partial-record stations and miscellaneous sites

Station name and number	Location	Drainage area (mi <sup>2</sup> )	Measured Previously (water years)	Measurements	
				Date	Discharge (ft <sup>3</sup> /s)
MONONGAHELA RIVER BASIN					
Buckhannon River at Buckhannon, WV (03052450)	Lat 39°00'19", long 80°12'34", Upshur County Hydrologic Unit 05020001, Datum of gage is 1,410.00 ft above sea level.	217	2000-2001	5-3-1999	127
				5-26-1999	622
				9-16-1999	2.74
				12-3-1999	180
				12-15-1999	3,180
9-4-2001	198				
Tygart Valley River at Colfax, WV (03057000)	Lat 39°26'06", long 80°07'58", Marion County, Hydrologic Unit 05020001, on right bank at highway bridge at Colfax, 300 ft upstream from Guyses Run, and at mile 6.2. Records include flow of Guyses Run. Datum of gage is 856.27 ft above sea level, supplementary adjustment of 1944.	1,363	1939-1995≠ 1996 1998-2001	2-7-2001	5,160
West Fork River at Walkersville, WV (03057300)	Lat 38°52'07", long 80°27'29", Lewis County, Hydrologic Unit 05020002, on left bank at downstream side of highway bridge on Secondary Route 44, in Walkersville, 100 ft downstream from Right Fork, and at mile 95.8. Datum of gage is 1,070.64 ft above sea level.	28.8	1984-1992≠ 1993-1996 1998 2000-2001	12-19-2000	91.1
				4-6-2001	65.6
West Fork River at Butcherville, WV (03058500)	Lat 39°05'26", long 80°28'04", Lewis County, Hydrologic Unit 05020002, on right bank at Butcherville, 0.5 mi upstream from Freemans Creek, 3,500 ft downstream from abandoned railroad bridge, 3.0 mi north of Weston, and at mile 65.0. Datum of gage is 993.0 ft above sea level.	181	1915-2000≠ 2001	11-2-2000	79.1
				12-27-2000	200
Shavers Fork at Bemis, WV (03068000)	Lat 38°48'27", long 79°44'16", Wayne County, Hydrologic Unit 05090102, on right bank at downstream side of secondary highway bridge at Bemis. Datum of gage is 2,572.56 ft above sea level.	115	1922-1926≠ 1974-1979≠ 1999-2001	6-24-1999	20.6
				6-22-2000	1,150
				2-16-2001	1,650
LITTLE KANAWHA RIVER BASIN					
Little Kanawha River at Glenville, WV (03152000)	Lat 38°56'02", long 80°50'21", Lewis County, Hydrologic Unit 05030203, on right bank at abandoned bridge on Conrad Court Street at Glenville, 1,400 ft upstream from Sycamore Run, and at mile 105. Datum of gage is 697.79 ft above sea level.	387	1915-1922 1929-1983≠ 1984-2000≠ 2001	10-5-2000	151
				1-23-2001	1,270
Little Kanawha River at Grantsville, WV (03153500)	Lat 38°55'19", long 81°05'52", Calhoun County, Hydrologic Unit 05030203, on left bank, 1,000 ft downstream from bridge on State Highway 16 at Grantsville, 1,200 ft downstream from Philip Run, and at mile 79.7. Datum of gage is 652.83 ft above sea level, adjustment of 1912.	913	1929-1978≠ 1979-1998 2000-2001	1-24-2001	1,770
				3-21-2001	2,320

≠ Operated as a continuous-record gaging station.

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at partial-record stations and miscellaneous sites--Continued

Station name and number	Location	Drainage area (mi <sup>2</sup> )	Measured Previously (water years)	<u>Measurements</u>	
				Date	Discharge (ft <sup>3</sup> /s)
KANAWHA RIVER BASIN					
Lick Creek near Sandstone, WV (374643080533401)	Lat 37°46'43", long 80°53'34", Summers County, Hydrologic Unit 05050004, on right bank, 50 ft downstream from State Route 20 bridge over Lick Creek, about .5 mi north on Rt 20 from Sandstone, and at mile 0.2.	39.1	1988-2001	4-3-2001	84.7
Meadow Creek at Meadow Creek, WV (374847080552401)	Lat 37°48'47", long 80°55'24", Summers County, Hydrologic Unit 05050004, on the left bank, 10 ft downstream side of State Route 7/1 bridge about 0.3 mi from Meadow Creek, and at mile 0.3.	28.8	1988-2001	4-3-2001	77.7
Piney Creek near McCreery, WV (375041081054201)	Lat 37°50'41", long 81°05'42", Raleigh County, Hydrologic Unit 05050004, about 1,500 ft upstream from State Route 41 highway bridge, and at mile 0.5.	134	1990-2001	4-3-2001	268
Laurel Creek at Quinnimont, WV (375105081024801)	Lat 37°51'05", long 81°02'48", Fayette County, Hydrologic Unit 05050004, on the left bank downstream side of bridge, on a railroad bridge trestle, 1 mi east of Prince along State Route 41, and at mile 0.1.	27.6	1988-2001	4-3-2001	85.3
Dunloup Creek near Thurmond, WV (375635081051601)	Lat 37°56'35", long 81°05'16", Fayette County, Hydrologic Unit 05050004, on State Route 25 bridge southwest of Thurmond, and at mile 1.1.	45.8	1988-2001	4-4-2001	84.4
Arbuckle Creek near Thurmond, WV (375745081051001)	Lat 37°57'45", long 81°05'10", Fayette County, Hydrologic Unit 05050004, about 200 ft upstream from the old railroad bridge east of Thurmond, and at mile 0.1	8.7	1988-2001	4-4-2001	29.8
Wolf Creek near Fayetteville, WV (380351081045401)	Lat 38°03'51", long 81°04'54", Fayette County, Hydrologic Unit 05050004, on the left bank, 40 ft below State Route 82 bridge, east of Fayette Station, and at mile 0.1	17.4	1988-2001	4-4-2001	35.4
Marr Branch near Fayetteville, WV (380427081053901)	Lat 38°04'27", long 81°05'39", Fayette County, Hydrologic Unit 05050004, on left bank about 1.1 mi from intersection of US Route 19 and State Route 82, and at mile 0.5.	3.13	1988-2001	4-4-2001	7.48
New River below Hawks Nest Dam, WV (380649081083301)	Lat 38°06'49", long 81°08'33", Fayette County, Hydrologic Unit 05050004, on right bank, 400 ft upstream of State Route 16 bridge at Cotton Hill, 600 ft upstream from Laurel Creek, and at mile 102.2.	6,909	1990-1995 1997-2001	4-16-2001	146

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at partial-record stations and miscellaneous sites--Continued

Station name and number	Location	Drainage area (mi <sup>2</sup> )	Measured Previously (water years)	<u>Measurements</u>	
				Date	Discharge (ft <sup>3</sup> /s)
GUYANDOTTE RIVER BASIN					
Guyandotte River below R. D. Bailey Dam, WV (03202915)	Lat 37°35'53", long 81°49'46", Mingo County, Hydrologic Unit 05070101, on right bank, 500 ft upstream from Little Huff Creek, 2,500 ft downstream from R.D.Bailey Dam and 0.5 mi northeast of Justice, and at mile 111.6. Datum of gage is 880.00 ft above sea level.	535	1978-1982≠ 1983-1986 1987-1991≠ 1992-1993 1995-2001	5-24-2001	4,320

≠ Operated as a continuous-record gaging station.

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements in the following table were made at crest-stage stations throughout the State.

Station name and number	Location	Drainage area (mi <sup>2</sup> )	Measured Previously (water years)	Measurements	
				Date	Discharge (ft <sup>3</sup> /s)
MONONGAHELA RIVER BASIN					
Mud Lick Run near Buckhannon, WV (03052340)	Lat 39°00'17", long 80°15'23", Upshur County, Hydrologic Unit 05020001, on left upstream wingwall of culvert on US Highways 33 and 119, 0.2 mi above mouth, and 1.5 mi west of Buckhannon. Datum of gage is 1,407.68 ft above sea level.	2.33	1999-2001	2-15-2001	38.7
Shavers Fork at Cheat Bridge, WV (03067500)	Lat 38°36'40", long 79°52'30", Randolph County, Hydrologic Unit 05020001, on upstream side of old steel truss bridge at Cheat Bridge, 35 mi south of Elkins, cross Shavers Fork on new bridge, proceed 1/4 mi to side road to old bridge. Datum of gage is 3,542.93 ft above sea level.	57.9	1923-1926 1966 1972 1979-1980 1993-1996 2000-2001	8-18-2000 2-15-2001	2,640 1,850
Buffalo Creek near Rowlesburg, WV (03069880)	Lat 39°17'19", long 79°42'16", Preston County, Hydrologic Unit 05020004, on left bank, 150 ft upstream from secondary highway bridge, 4.5 mi southwest of Rowlesburg, and at mile 2.8. Elevation of gage is approximately 1,640 ft above sea level, from topographic map.	12.2	2001	4-12-2001	131
LITTLE KANAWHA RIVER BASIN					
Goose Creek near Petroleum, WV (03155525)	Lat 39°12'47", long 81°13'52", Ritchie County, Hydrologic Unit 05030203, on right upstream side of bridge, on County Route 18, 1.7 mi south of US Route 50, 2 mi south of Nutter Farm, 2.5 mi northeast of Petroleum.	25.3	2001	5-17-2001	7.33
KANAWHA RIVER BASIN					
Payne Branch near Oakvale, WV (03177100)	Lat 37°21'28", long 80°58'40", Mercer County, Hydrologic Unit 05050002, on left upstream side of bridge, on County Route 219/3, 1.8 mi northwest of Oakvale and 4 mi east of Princeton.	8.64	2001	3-30-2001	79.0
Big Creek near Bellepoint, WV (03184200)	Lat 37°40'28", long 80°48'52", Summers County, Hydrologic Unit 05050003, on left upstream wingwall of bridge, on Secondary Route 10, 4 mi northeast of Bellepoint. Datum of gage is 1,407.68 ft above sea level.	8.27	1969-1977 2001	3-30-2001	51.6
Anglins Creek near Nallen, WV (03190100)	Lat 38°08'28", long 80°50'13", Nicholas County, Hydrologic Unit 05050005, on left upstream side of bridge, on County Route 24/7, 0.7 mi southeast of Runa, 2 mi southeast of Pool, and 3 mi northeast of Nallen.	23.5	2001	7-29-2001	*6,900
Gilmer Run near Marlinton, WV (03193830)	Lat 38°19'12", long 80°05'52", Pocahontas County, Hydrologic Unit 05050007, on right bank 8 ft above entrance to culvert under Forest Service Road 151, 6.8 mi north of Marlinton 200 ft off US Route 219. Elevation of gage is approximatley 3,120 ft above sea level, from topographic map.	1.80	1968-1977 2001	5-25-2001 5-25-2001 5-25-2001	65.7 55.5 49.5

\* Indirect measurement.

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements in the following table were made at crest-stage stations throughout the State.

Station name and number	Location	Drainage area (mi <sup>2</sup> )	Measured Previously (water years)	Measurements	
				Date	Discharge (ft <sup>3</sup> /s)
KANAWHA RIVER BASIN--Continued					
Rock Creek near Danville, WV (03199300)	Lat 38°06'01", long 81°49'48", Boone County, Hydrologic Unit 05050009, on right bank 20 ft upstream from bridge on US Route 119, 1.5 mi north of Danville. Datum of gage is 675.46 ft above sea level.	12.2	1979-1984 2001	5-21-2001	48.8
				6-6-2001	326
				6-6-2001	252
GUYANDOTTE RIVER BASIN					
Marsh Fork at Maben, WV (03202245)	Lat 37°38'19", long 81°23'38", Wyoming County, Hydrologic Unit 05070101, on left upstream wingwall of culvert, on State Route 97, 0.1 mi south of Maben, near Twin Falls State Park. Elevation of gage is approximately 1,590 ft above sea level, from topographic map.	4.85	1999-2001	5-19-2001	*770
				5-22-2001	179
				7-8-2001	*5,800
OHIO RIVER BASIN					
Fourpole Creek near Huntington, WV (03206450)	Lat 38°21'45", long 82°23'37", Cabell County, Hydrologic Unit 05090101, on left upstream bridge abutment on County Route 48/1, 5 mi southeast of Huntington.	4.02	2001	5-22-2001	180

\* Indirect measurement.

REVISIONS OF PEAK DISCHARGES

LITTLE KANAWHA RIVER BASIN

03154500 REEDY CREEK NEAR REEDY, WV

LOCATION.--Lat 38°57'40", long 81°23'25", Wirt County, Hydrologic Unit 05030203, on left bank 0.2 mi downstream from Roundbottom Run, 1.0 north of Lucile, 4.5 mi northeast of Reedy, and at mile 8.5.

DRAINAGE AREA.--79.4 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1951 to September 1978.

REVISED RECORDS.--WSP 1385: 1952-53 (P). WDR WV-01-1: 1952-78(P), 1997(M).

DATE	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)	DATE	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
12-08-1951	2,240	9.61	02-25-1965	2,380	9.60
12-15-1951	3,350	11.27	03-26-1965	2,450	9.73
12-21-1951	2,240	9.57	04-11-1965	2,280	9.41
05-20-1952	3,280	11.18	02-10-1966	2,330	9.28
01-08-1953	2,300	9.72	02-13-1966	4,090	12.79
03-03-1953	2,420	9.90	04-30-1966	5,600	14.25
03-24-1953	2,360	9.79	03-06-1967	4,260	13.00
03-13-1954	1,660	8.48	03-15-1967	4,100	12.80
12-30-1954	2,660	10.34	05-07-1967	5,490	14.11
02-07-1955	2,240	9.61	01-30-1968	2,420	9.67
02-27-1955	3,620	12.04	03-12-1968	3,440	11.68
03-05-1955	2,360	9.75	05-24-1968	2,790	10.32
03-16-1955	2,790	10.50	05-27-1968	2,850	10.41
02-18-1956	3,140	11.05	08-10-1969	3,710	12.18
02-25-1956	2,860	10.60	12-31-1969	3,560	11.91
03-08-1956	3,630	11.68	04-02-1970	2,920	10.54
03-14-1956	3,950	12.58	04-24-1970	3,580	11.96
12-14-1956	5,240	14.00	12-22-1970	3,500	11.80
02-10-1957	6,250	14.70	01-05-1971	2,320	9.27
11-19-1957	3,070	10.92	09-14-1971	3,300	11.41
12-07-1957	2,240	9.64	09-26-1971	3,090	10.81
01-25-1958	3,490	11.46	02-24-1972	2,470	9.76
05-05-1958	2,720	10.41	04-08-1972	2,300	9.46
05-07-1958	2,790	10.54	04-22-1972	4,170	12.89
07-24-1958	2,720	10.45	12-08-1972	6,850	15.10
01-20-1959	2,480	9.95	04-27-1973	2,820	10.37
01-15-1960	2,240	9.61	11-28-1973	3,630	12.14
03-05-1961	2,660	10.30	01-10-1974	3,520	11.94
04-01-1961	2,720	10.43	05-12-1974	3,660	12.19
07-20-1961	2,600	10.19	06-01-1974	3,590	12.06
08-01-1961	3,490	11.78	03-12-1975	3,200	11.36
08-11-1961	2,300	9.72	04-25-1975	2,660	10.02
02-28-1962	3,490	11.53	12-26-1975	2,280	9.26
04-12-1962	4,200	12.93	01-01-1976	2,970	10.54
11-10-1962	2,460	9.93	07-12-1976	2,250	9.60
03-05-1963	3,870	12.45	10-09-1976	4,180	12.80
03-12-1963	2,410	9.88	04-05-1977	2,780	10.26
03-17-1963	2,440	9.93	01-26-1978	4,420	13.22
03-19-1963	3,790	12.31	08-10-1978	3,150	10.93
04-20-1964	2,230	9.32	03-01-1997	7,260	15.37

## MISCELLANEOUS WATER-QUALITY PROJECT DATA

## MONONGAHELA RIVER BASIN

03065050 BLACKWATER RIVER AT CANAAN VALLEY STATE PARK, WV

## WATER-QUALITY DATA

LOCATION.--Lat 39°02'22", long 79°27'20", Tucker County, Hydrologic Unit 05020004, on right bank 0.6 mi east of WV Route 32, 2.4 mi southwest of Cortland, 2 mi upstream from Freeland Run, and at mile 30.9.

DRAINAGE AREA.--9.48 mi<sup>2</sup>.

PERIOD OF RECORD.--Water years 1991-1993, June to September 2001 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June to September 2001.

pH: June to September 2001.

WATER TEMPERATURES: June to September 2001.

DISSOLVED OXYGEN: June to September 2001.

INSTRUMENTATION.--Water-quality monitor October 1994 to July 1997, June to September 2001.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	89	55	89
2	---	---	---	---	---	---	---	---	---	66	59	90
3	---	---	---	---	---	---	---	---	---	65	67	93
4	---	---	---	---	---	---	---	---	---	71	66	93
5	---	---	---	---	---	---	---	---	---	71	62	98
6	---	---	---	---	---	---	---	---	---	64	68	98
7	---	---	---	---	---	---	---	---	---	67	74	107
8	---	---	---	---	---	---	---	---	---	69	79	111
9	---	---	---	---	---	---	---	---	---	62	84	114
10	---	---	---	---	---	---	---	---	---	70	89	111
11	---	---	---	---	---	---	---	---	---	62	85	108
12	---	---	---	---	---	---	---	---	---	61	80	112
13	---	---	---	---	---	---	---	---	---	68	52	116
14	---	---	---	---	---	---	---	---	---	73	62	124
15	---	---	---	---	---	---	---	---	---	79	72	122
16	---	---	---	---	---	---	---	---	---	86	82	119
17	---	---	---	---	---	---	---	---	---	91	86	123
18	---	---	---	---	---	---	---	---	---	63	92	124
19	---	---	---	---	---	---	---	---	---	37	96	131
20	---	---	---	---	---	---	---	---	---	48	96	142
21	---	---	---	---	---	---	---	---	---	56	105	128
22	---	---	---	---	---	---	---	---	---	64	97	112
23	---	---	---	---	---	---	---	---	---	71	87	118
24	---	---	---	---	---	---	---	---	---	76	51	134
25	---	---	---	---	---	---	---	---	---	81	58	96
26	---	---	---	---	---	---	---	---	---	56	71	85
27	---	---	---	---	---	---	---	---	85	37	74	93
28	---	---	---	---	---	---	---	---	---	45	67	99
29	---	---	---	---	---	---	---	---	88	37	73	106
30	---	---	---	---	---	---	---	---	86	36	84	117
31	---	---	---	---	---	---	---	---	---	44	90	---
TOTAL	---	---	---	---	---	---	---	---	259	1965	2363	3313
MEAN	---	---	---	---	---	---	---	---	86	63	76	110
MAX	---	---	---	---	---	---	---	---	88	91	105	142
MIN	---	---	---	---	---	---	---	---	85	36	51	85

MISCELLANEOUS WATER-QUALITY PROJECT DATA

MONONGAHELA RIVER BASIN

03065050 BLACKWATER RIVER AT CANAAN VALLEY STATE PARK, WV--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEDIAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	6.8	6.7	6.8
2	---	---	---	---	---	---	---	---	---	6.6	6.8	6.9
3	---	---	---	---	---	---	---	---	---	6.8	6.9	6.9
4	---	---	---	---	---	---	---	---	---	6.7	6.9	6.8
5	---	---	---	---	---	---	---	---	---	6.6	6.9	6.9
6	---	---	---	---	---	---	---	---	---	6.7	6.9	6.8
7	---	---	---	---	---	---	---	---	---	6.8	6.9	6.9
8	---	---	---	---	---	---	---	---	---	6.8	6.9	6.9
9	---	---	---	---	---	---	---	---	---	6.6	6.8	6.9
10	---	---	---	---	---	---	---	---	---	---	6.7	6.8
11	---	---	---	---	---	---	---	---	---	6.4	6.7	6.9
12	---	---	---	---	---	---	---	---	---	6.5	6.6	7.0
13	---	---	---	---	---	---	---	---	---	6.8	6.0	7.0
14	---	---	---	---	---	---	---	---	---	6.9	6.2	7.0
15	---	---	---	---	---	---	---	---	---	7.0	6.6	7.1
16	---	---	---	---	---	---	---	---	---	7.0	6.7	7.1
17	---	---	---	---	---	---	---	---	---	7.0	6.7	7.2
18	---	---	---	---	---	---	---	---	---	6.7	6.9	7.2
19	---	---	---	---	---	---	---	---	---	5.9	6.9	7.2
20	---	---	---	---	---	---	---	---	---	6.4	6.9	7.2
21	---	---	---	---	---	---	---	---	---	6.7	7.1	7.2
22	---	---	---	---	---	---	---	---	---	6.9	7.2	7.2
23	---	---	---	---	---	---	---	---	---	7.0	7.1	7.2
24	---	---	---	---	---	---	---	---	---	7.1	6.5	7.2
25	---	---	---	---	---	---	---	---	---	7.1	6.8	7.0
26	---	---	---	---	---	---	---	---	---	6.6	7.0	7.0
27	---	---	---	---	---	---	---	---	7.1	6.2	6.9	7.2
28	---	---	---	---	---	---	---	---	7.0	6.6	6.7	7.2
29	---	---	---	---	---	---	---	---	7.0	6.2	6.7	7.3
30	---	---	---	---	---	---	---	---	6.8	6.3	6.8	7.4
31	---	---	---	---	---	---	---	---	---	6.6	6.8	---
TOTAL	---	---	---	---	---	---	---	---	27.9	200.3	210.2	211.4
MAX	---	---	---	---	---	---	---	---	7.1	7.1	7.2	7.4
MIN	---	---	---	---	---	---	---	---	6.8	5.9	6.0	6.8
MED	---	---	---	---	---	---	---	---	7.0	6.7	6.8	7.0

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	21.9	17.2	20.6
2	---	---	---	---	---	---	---	---	---	18.6	18.1	19.5
3	---	---	---	---	---	---	---	---	---	19.3	18.7	19.9
4	---	---	---	---	---	---	---	---	---	20.2	19.1	20.5
5	---	---	---	---	---	---	---	---	---	18.7	19.9	20.3
6	---	---	---	---	---	---	---	---	---	18.1	20.8	19.7
7	---	---	---	---	---	---	---	---	---	18.3	22.2	20.5
8	---	---	---	---	---	---	---	---	---	19.7	23.1	21.2
9	---	---	---	---	---	---	---	---	---	20.1	23.8	20.9
10	---	---	---	---	---	---	---	---	---	21.0	23.1	20.0
11	---	---	---	---	---	---	---	---	---	20.3	22.0	18.4
12	---	---	---	---	---	---	---	---	---	18.0	21.3	18.2
13	---	---	---	---	---	---	---	---	---	17.9	20.0	18.5
14	---	---	---	---	---	---	---	---	---	17.7	20.3	17.6
15	---	---	---	---	---	---	---	---	---	18.8	19.7	15.4
16	---	---	---	---	---	---	---	---	---	20.3	20.2	14.9
17	---	---	---	---	---	---	---	---	---	20.7	21.2	15.1
18	---	---	---	---	---	---	---	---	---	18.6	19.7	15.2
19	---	---	---	---	---	---	---	---	---	17.1	19.8	15.8
20	---	---	---	---	---	---	---	---	---	18.0	19.4	15.8
21	---	---	---	---	---	---	---	---	---	18.4	18.5	15.9
22	---	---	---	---	---	---	---	---	---	19.4	18.7	17.4
23	---	---	---	---	---	---	---	---	---	20.9	18.9	17.5
24	---	---	---	---	---	---	---	---	---	22.2	18.5	16.7
25	---	---	---	---	---	---	---	---	---	22.6	19.4	13.7
26	---	---	---	---	---	---	---	---	---	19.9	20.0	10.6
27	---	---	---	---	---	---	---	---	22.5	17.7	20.2	10.4
28	---	---	---	---	---	---	---	---	23.1	16.4	20.2	10.0
29	---	---	---	---	---	---	---	---	23.4	15.2	20.4	10.4
30	---	---	---	---	---	---	---	---	22.7	16.2	21.3	10.9
31	---	---	---	---	---	---	---	---	---	16.8	21.1	---
TOTAL	---	---	---	---	---	---	---	---	91.7	589.0	626.8	501.5
MEAN	---	---	---	---	---	---	---	---	22.9	19.0	20.2	16.7
MAX	---	---	---	---	---	---	---	---	23.4	22.6	23.8	21.2
MIN	---	---	---	---	---	---	---	---	22.5	15.2	17.2	10.0

MISCELLANEOUS WATER-QUALITY PROJECT DATA

MONONGAHELA RIVER BASIN

03065050 BLACKWATER RIVER AT CANAAN VALLEY STATE PARK, WV--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	5.8	6.1	---
2	---	---	---	---	---	---	---	---	---	6.2	6.8	---
3	---	---	---	---	---	---	---	---	---	7.1	6.8	---
4	---	---	---	---	---	---	---	---	---	6.5	6.9	---
5	---	---	---	---	---	---	---	---	---	6.3	6.9	---
6	---	---	---	---	---	---	---	---	---	6.4	7.2	---
7	---	---	---	---	---	---	---	---	---	7.2	7.2	---
8	---	---	---	---	---	---	---	---	---	6.4	7.0	---
9	---	---	---	---	---	---	---	---	---	6.2	6.6	---
10	---	---	---	---	---	---	---	---	---	---	5.9	---
11	---	---	---	---	---	---	---	---	---	6.0	6.2	---
12	---	---	---	---	---	---	---	---	---	7.1	6.1	---
13	---	---	---	---	---	---	---	---	---	8.1	5.3	---
14	---	---	---	---	---	---	---	---	---	8.2	6.7	---
15	---	---	---	---	---	---	---	---	---	7.9	7.4	---
16	---	---	---	---	---	---	---	---	---	7.6	7.2	---
17	---	---	---	---	---	---	---	---	---	7.4	7.0	---
18	---	---	---	---	---	---	---	---	---	6.1	7.2	---
19	---	---	---	---	---	---	---	---	---	4.4	7.3	---
20	---	---	---	---	---	---	---	---	---	6.2	6.7	---
21	---	---	---	---	---	---	---	---	---	7.3	7.2	---
22	---	---	---	---	---	---	---	---	---	7.5	7.6	---
23	---	---	---	---	---	---	---	---	---	7.5	6.7	---
24	---	---	---	---	---	---	---	---	---	7.3	6.0	---
25	---	---	---	---	---	---	---	---	---	6.9	7.1	---
26	---	---	---	---	---	---	---	---	---	---	7.0	---
27	---	---	---	---	---	---	---	---	6.7	---	---	---
28	---	---	---	---	---	---	---	---	6.5	---	---	---
29	---	---	---	---	---	---	---	---	6.2	---	---	---
30	---	---	---	---	---	---	---	---	6.0	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	---	---	---	---	---	---	---	---	25.4	163.6	176.1	---
MEAN	---	---	---	---	---	---	---	---	6.3	6.8	6.8	---
MAX	---	---	---	---	---	---	---	---	6.7	8.2	7.6	---
MIN	---	---	---	---	---	---	---	---	6.0	4.4	5.3	---

MISCELLANEOUS WATER-QUALITY PROJECT DATA

MONONGAHELA RIVER BASIN

03065200 BLACKWATER RIVER AT CORTLAND, WV

WATER-QUALITY DATA

LOCATION.--Lat 39°03'51", long 79°24'49", Tucker County, Hydrologic Unit 05020004, on left bank 2.5 mi east of Cortland, 0.1 mi downstream from Yoakum Run, and a mile 24.3

DRAINAGE AREA.--18.5 mi<sup>2</sup>.

PERIOD OF RECORD.--Water years 1991-1993, June to September 2001 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June to September 2001.

pH: June to September 2001.

WATER TEMPERATURES: June to September 2001.

DISSOLVED OXYGEN: June to September 2001.

INSTRUMENTATION.--Water-quality monitor October 1994 to July 1997, June to September 2001.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	---	---	---	---	---	---	---	---	---	108	59	113	
2	---	---	---	---	---	---	---	---	---	98	69	116	
3	---	---	---	---	---	---	---	---	---	79	76	112	
4	---	---	---	---	---	---	---	---	---	90	80	119	
5	---	---	---	---	---	---	---	---	---	80	81	125	
6	---	---	---	---	---	---	---	---	---	77	---	127	
7	---	---	---	---	---	---	---	---	---	81	87	130	
8	---	---	---	---	---	---	---	---	---	84	---	133	
9	---	---	---	---	---	---	---	---	---	73	100	137	
10	---	---	---	---	---	---	---	---	---	84	105	144	
11	---	---	---	---	---	---	---	---	---	80	108	145	
12	---	---	---	---	---	---	---	---	---	73	101	146	
13	---	---	---	---	---	---	---	---	---	84	75	146	
14	---	---	---	---	---	---	---	---	---	91	72	144	
15	---	---	---	---	---	---	---	---	---	95	88	143	
16	---	---	---	---	---	---	---	---	---	101	98	147	
17	---	---	---	---	---	---	---	---	---	108	107	149	
18	---	---	---	---	---	---	---	---	---	80	112	151	
19	---	---	---	---	---	---	---	---	---	40	115	151	
20	---	---	---	---	---	---	---	---	---	48	118	152	
21	---	---	---	---	---	---	---	---	---	67	119	153	
22	---	---	---	---	---	---	---	---	---	79	118	149	
23	---	---	---	---	---	---	---	---	---	86	115	146	
24	---	---	---	---	---	---	---	---	---	93	86	148	
25	---	---	---	---	---	---	---	---	---	99	75	137	
26	---	---	---	---	---	---	---	---	---	76	92	125	
27	---	---	---	---	---	---	---	---	---	46	102	100	
28	---	---	---	---	---	---	---	---	---	118	55	103	
29	---	---	---	---	---	---	---	---	---	121	45	107	
30	---	---	---	---	---	---	---	---	---	123	34	102	
31	---	---	---	---	---	---	---	---	---	45	110	---	
TOTAL	---	---	---	---	---	---	---	---	---	362	2379	2764	4019
MEAN	---	---	---	---	---	---	---	---	---	121	77	95	134
MAX	---	---	---	---	---	---	---	---	---	123	108	119	153
MIN	---	---	---	---	---	---	---	---	---	118	34	59	100

## MISCELLANEOUS WATER-QUALITY PROJECT DATA

## MONONGAHELA RIVER BASIN

03065200 BLACKWATER RIVER AT CORTLAND, WV--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEDIAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	7.5	6.7	7.7
2	---	---	---	---	---	---	---	---	---	7.5	7.2	7.8
3	---	---	---	---	---	---	---	---	---	7.4	7.3	7.8
4	---	---	---	---	---	---	---	---	---	7.6	7.6	7.8
5	---	---	---	---	---	---	---	---	---	7.5	7.8	7.8
6	---	---	---	---	---	---	---	---	---	7.5	---	7.8
7	---	---	---	---	---	---	---	---	---	7.7	7.7	7.9
8	---	---	---	---	---	---	---	---	---	7.7	---	7.8
9	---	---	---	---	---	---	---	---	---	7.7	7.6	7.9
10	---	---	---	---	---	---	---	---	---	7.8	7.5	7.9
11	---	---	---	---	---	---	---	---	---	7.2	7.5	7.9
12	---	---	---	---	---	---	---	---	---	7.3	7.3	7.7
13	---	---	---	---	---	---	---	---	---	7.6	6.9	7.8
14	---	---	---	---	---	---	---	---	---	7.7	7.2	7.7
15	---	---	---	---	---	---	---	---	---	7.8	7.4	7.8
16	---	---	---	---	---	---	---	---	---	7.9	7.6	7.8
17	---	---	---	---	---	---	---	---	---	7.9	7.6	7.8
18	---	---	---	---	---	---	---	---	---	7.4	7.8	7.8
19	---	---	---	---	---	---	---	---	---	6.2	7.8	7.9
20	---	---	---	---	---	---	---	---	---	6.4	7.9	7.8
21	---	---	---	---	---	---	---	---	---	7.2	7.9	7.8
22	---	---	---	---	---	---	---	---	---	7.4	7.8	7.8
23	---	---	---	---	---	---	---	---	---	7.4	7.8	7.7
24	---	---	---	---	---	---	---	---	---	7.6	7.5	7.7
25	---	---	---	---	---	---	---	---	---	7.7	7.5	7.7
26	---	---	---	---	---	---	---	---	---	7.0	7.6	7.8
27	---	---	---	---	---	---	---	---	---	6.6	7.6	7.7
28	---	---	---	---	---	---	---	---	---	7.6	7.5	7.7
29	---	---	---	---	---	---	---	---	---	7.7	6.5	7.6
30	---	---	---	---	---	---	---	---	---	7.7	6.3	7.6
31	---	---	---	---	---	---	---	---	---	6.4	7.7	---
TOTAL	---	---	---	---	---	---	---	---	23.0	226.3	218.5	233.6
MAX	---	---	---	---	---	---	---	---	7.7	7.9	7.9	7.9
MIN	---	---	---	---	---	---	---	---	7.6	6.2	6.7	7.7
MED	---	---	---	---	---	---	---	---	7.7	7.5	7.6	7.8

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	21.5	17.4	20.3
2	---	---	---	---	---	---	---	---	---	18.6	18.0	18.7
3	---	---	---	---	---	---	---	---	---	19.4	18.0	19.1
4	---	---	---	---	---	---	---	---	---	19.7	18.9	19.7
5	---	---	---	---	---	---	---	---	---	19.0	19.8	19.6
6	---	---	---	---	---	---	---	---	---	17.9	---	18.7
7	---	---	---	---	---	---	---	---	---	18.5	21.3	19.6
8	---	---	---	---	---	---	---	---	---	19.1	---	19.8
9	---	---	---	---	---	---	---	---	---	20.4	22.7	19.6
10	---	---	---	---	---	---	---	---	---	20.5	22.1	19.0
11	---	---	---	---	---	---	---	---	---	20.1	21.0	17.6
12	---	---	---	---	---	---	---	---	---	18.7	19.9	17.4
13	---	---	---	---	---	---	---	---	---	17.7	20.2	17.9
14	---	---	---	---	---	---	---	---	---	17.3	20.1	16.8
15	---	---	---	---	---	---	---	---	---	18.2	19.5	14.1
16	---	---	---	---	---	---	---	---	---	19.2	19.6	13.8
17	---	---	---	---	---	---	---	---	---	19.4	20.6	14.5
18	---	---	---	---	---	---	---	---	---	17.9	18.7	14.7
19	---	---	---	---	---	---	---	---	---	17.6	19.4	15.6
20	---	---	---	---	---	---	---	---	---	18.1	18.5	15.7
21	---	---	---	---	---	---	---	---	---	18.7	18.1	15.7
22	---	---	---	---	---	---	---	---	---	19.0	18.3	16.5
23	---	---	---	---	---	---	---	---	---	19.6	18.0	16.8
24	---	---	---	---	---	---	---	---	---	21.1	18.7	15.3
25	---	---	---	---	---	---	---	---	---	21.3	18.9	12.8
26	---	---	---	---	---	---	---	---	---	19.1	19.5	11.2
27	---	---	---	---	---	---	---	---	---	18.2	20.0	10.5
28	---	---	---	---	---	---	---	---	22.2	17.0	20.0	9.7
29	---	---	---	---	---	---	---	---	22.4	15.3	19.8	11.1
30	---	---	---	---	---	---	---	---	22.4	15.8	20.3	11.0
31	---	---	---	---	---	---	---	---	---	16.7	20.1	---
TOTAL	---	---	---	---	---	---	---	---	67.0	580.6	567.4	482.8
MEAN	---	---	---	---	---	---	---	---	22.3	18.7	19.6	16.1
MAX	---	---	---	---	---	---	---	---	22.4	21.5	22.7	20.3
MIN	---	---	---	---	---	---	---	---	22.2	15.3	17.4	9.7

MISCELLANEOUS WATER-QUALITY PROJECT DATA

MONONGAHELA RIVER BASIN

03065200 BLACKWATER RIVER AT CORTLAND, WV--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	7.6	8.0
2	---	---	---	---	---	---	---	---	---	---	7.8	8.3
3	---	---	---	---	---	---	---	---	---	---	7.8	8.3
4	---	---	---	---	---	---	---	---	---	---	7.8	8.0
5	---	---	---	---	---	---	---	---	---	---	7.8	8.0
6	---	---	---	---	---	---	---	---	---	---	---	8.3
7	---	---	---	---	---	---	---	---	---	---	7.5	8.2
8	---	---	---	---	---	---	---	---	---	---	---	8.0
9	---	---	---	---	---	---	---	---	---	---	7.1	8.0
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	7.9	---	8.2
12	---	---	---	---	---	---	---	---	---	8.3	---	8.4
13	---	---	---	---	---	---	---	---	---	8.7	---	8.3
14	---	---	---	---	---	---	---	---	---	8.8	7.6	8.4
15	---	---	---	---	---	---	---	---	---	8.6	7.9	9.0
16	---	---	---	---	---	---	---	---	---	8.5	7.8	9.1
17	---	---	---	---	---	---	---	---	---	8.0	7.6	9.0
18	---	---	---	---	---	---	---	---	---	7.2	8.0	8.9
19	---	---	---	---	---	---	---	---	---	5.8	7.7	---
20	---	---	---	---	---	---	---	---	---	6.5	7.7	---
21	---	---	---	---	---	---	---	---	---	7.6	8.1	---
22	---	---	---	---	---	---	---	---	---	7.8	8.3	---
23	---	---	---	---	---	---	---	---	---	7.7	7.9	---
24	---	---	---	---	---	---	---	---	---	7.4	7.6	---
25	---	---	---	---	---	---	---	---	---	7.0	7.7	---
26	---	---	---	---	---	---	---	---	---	6.0	7.5	---
27	---	---	---	---	---	---	---	---	---	5.8	---	---
28	---	---	---	---	---	---	---	---	---	6.7	8.1	---
29	---	---	---	---	---	---	---	---	---	6.2	8.0	---
30	---	---	---	---	---	---	---	---	---	5.7	8.1	---
31	---	---	---	---	---	---	---	---	---	---	7.9	---
TOTAL	---	---	---	---	---	---	---	---	---	146.2	186.9	142.4
MEAN	---	---	---	---	---	---	---	---	---	7.3	7.8	8.4
MAX	---	---	---	---	---	---	---	---	---	8.8	8.3	9.1
MIN	---	---	---	---	---	---	---	---	---	5.7	7.1	8.0

MISCELLANEOUS WATER-QUALITY PROJECT DATA

MONONGAHELA RIVER BASIN

03065400 BLACKWATER RIVER NEAR DAVIS, WV

WATER-QUALITY DATA

LOCATION.--Lat 39°08'24", long 79°25'12", Tucker County, Hydrologic Unit 05020004, on left bank 2.8 mi northeast of Davis, 0.5 mi upstream from Yellow Creek, and at mile 14.0.

DRAINAGE AREA.--54.7 mi<sup>2</sup>, revised.

PERIOD OF RECORD.--Water years 1991-1993, October 1994 to July 1997, June to September 2001 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June to September 2001.

pH: June to September 2001.

WATER TEMPERATURES: June to September 2001.

DISSOLVED OXYGEN: June to September 2001.

INSTRUMENTATION.--Water-quality monitor October 1994 to July 1997, June to September 2001.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	95	47	88
2	---	---	---	---	---	---	---	---	---	82	54	88
3	---	---	---	---	---	---	---	---	---	83	58	93
4	---	---	---	---	---	---	---	---	---	73	65	94
5	---	---	---	---	---	---	---	---	---	72	69	97
6	---	---	---	---	---	---	---	---	---	56	70	97
7	---	---	---	---	---	---	---	---	---	67	69	100
8	---	---	---	---	---	---	---	---	---	60	74	105
9	---	---	---	---	---	---	---	---	---	62	79	106
10	---	---	---	---	---	---	---	---	---	66	83	108
11	---	---	---	---	---	---	---	---	---	51	86	112
12	---	---	---	---	---	---	---	---	---	58	85	118
13	---	---	---	---	---	---	---	---	---	62	71	120
14	---	---	---	---	---	---	---	---	---	66	69	121
15	---	---	---	---	---	---	---	---	---	70	70	123
16	---	---	---	---	---	---	---	---	---	75	81	125
17	---	---	---	---	---	---	---	---	---	80	87	125
18	---	---	---	---	---	---	---	---	---	65	91	126
19	---	---	---	---	---	---	---	---	---	41	95	128
20	---	---	---	---	---	---	---	---	---	44	97	126
21	---	---	---	---	---	---	---	---	---	55	85	128
22	---	---	---	---	---	---	---	---	---	64	91	126
23	---	---	---	---	---	---	---	---	---	68	95	122
24	---	---	---	---	---	---	---	---	---	72	92	120
25	---	---	---	---	---	---	---	---	---	76	91	121
26	---	---	---	---	---	---	---	---	72	70	76	105
27	---	---	---	---	---	---	---	---	77	50	76	111
28	---	---	---	---	---	---	---	---	81	54	78	110
29	---	---	---	---	---	---	---	---	81	29	83	109
30	---	---	---	---	---	---	---	---	89	27	85	104
31	---	---	---	---	---	---	---	---	---	36	87	---
MEAN	---	---	---	---	---	---	---	---	80	62	79	112
MAX	---	---	---	---	---	---	---	---	89	95	97	128
MIN	---	---	---	---	---	---	---	---	72	27	47	88

MISCELLANEOUS WATER-QUALITY PROJECT DATA

MONONGAHELA RIVER BASIN

03065400 BLACKWATER RIVER NEAR DAVIS, WV--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEDIAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	7.2	6.5	7.2
2	---	---	---	---	---	---	---	---	---	7.1	6.7	7.2
3	---	---	---	---	---	---	---	---	---	7.2	6.8	7.3
4	---	---	---	---	---	---	---	---	---	7.1	6.9	7.3
5	---	---	---	---	---	---	---	---	---	7.0	7.0	7.4
6	---	---	---	---	---	---	---	---	---	6.7	7.0	7.4
7	---	---	---	---	---	---	---	---	---	7.0	7.2	7.4
8	---	---	---	---	---	---	---	---	---	6.9	7.2	7.5
9	---	---	---	---	---	---	---	---	---	6.8	7.3	7.5
10	---	---	---	---	---	---	---	---	---	7.0	7.3	7.5
11	---	---	---	---	---	---	---	---	---	6.5	7.3	7.5
12	---	---	---	---	---	---	---	---	---	6.8	7.2	7.5
13	---	---	---	---	---	---	---	---	---	6.9	7.0	7.5
14	---	---	---	---	---	---	---	---	---	7.1	7.1	7.5
15	---	---	---	---	---	---	---	---	---	7.1	7.2	7.5
16	---	---	---	---	---	---	---	---	---	7.1	7.2	7.6
17	---	---	---	---	---	---	---	---	---	7.1	7.3	7.6
18	---	---	---	---	---	---	---	---	---	7.0	7.4	7.6
19	---	---	---	---	---	---	---	---	---	6.3	7.4	7.6
20	---	---	---	---	---	---	---	---	---	6.4	7.4	7.5
21	---	---	---	---	---	---	---	---	---	6.9	7.3	7.5
22	---	---	---	---	---	---	---	---	---	7.1	7.5	7.5
23	---	---	---	---	---	---	---	---	---	7.2	7.5	7.5
24	---	---	---	---	---	---	---	---	---	7.3	7.4	7.4
25	---	---	---	---	---	---	---	---	---	7.3	7.4	7.5
26	---	---	---	---	---	---	---	---	7.2	7.3	7.3	7.5
27	---	---	---	---	---	---	---	---	7.2	6.8	7.2	7.6
28	---	---	---	---	---	---	---	---	7.2	6.9	7.2	7.5
29	---	---	---	---	---	---	---	---	7.3	6.0	7.2	7.6
30	---	---	---	---	---	---	---	---	7.3	6.2	7.2	7.5
31	---	---	---	---	---	---	---	---	---	6.3	7.2	---
MAX	---	---	---	---	---	---	---	---	7.3	7.3	7.5	7.6
MIN	---	---	---	---	---	---	---	---	7.2	6.0	6.5	7.2
MED	---	---	---	---	---	---	---	---	7.2	7.0	7.2	7.5

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	22.6	17.2	20.6
2	---	---	---	---	---	---	---	---	---	20.0	18.3	19.5
3	---	---	---	---	---	---	---	---	---	20.0	18.6	19.7
4	---	---	---	---	---	---	---	---	---	20.6	18.8	20.0
5	---	---	---	---	---	---	---	---	---	19.8	20.3	20.3
6	---	---	---	---	---	---	---	---	---	18.5	21.3	19.9
7	---	---	---	---	---	---	---	---	---	18.8	22.5	20.4
8	---	---	---	---	---	---	---	---	---	20.0	22.9	20.8
9	---	---	---	---	---	---	---	---	---	20.9	23.9	20.8
10	---	---	---	---	---	---	---	---	---	21.5	23.5	20.0
11	---	---	---	---	---	---	---	---	---	20.3	22.7	19.3
12	---	---	---	---	---	---	---	---	---	19.1	21.6	18.7
13	---	---	---	---	---	---	---	---	---	18.5	20.6	18.7
14	---	---	---	---	---	---	---	---	---	18.4	21.0	18.2
15	---	---	---	---	---	---	---	---	---	18.8	20.5	16.4
16	---	---	---	---	---	---	---	---	---	19.9	20.6	15.5
17	---	---	---	---	---	---	---	---	---	20.3	21.0	15.3
18	---	---	---	---	---	---	---	---	---	19.1	20.3	15.7
19	---	---	---	---	---	---	---	---	---	17.8	20.0	16.5
20	---	---	---	---	---	---	---	---	---	18.5	19.7	16.4
21	---	---	---	---	---	---	---	---	---	19.2	18.7	16.7
22	---	---	---	---	---	---	---	---	---	19.8	18.4	17.1
23	---	---	---	---	---	---	---	---	---	20.4	19.5	17.1
24	---	---	---	---	---	---	---	---	---	21.4	19.3	16.3
25	---	---	---	---	---	---	---	---	---	22.5	19.6	14.5
26	---	---	---	---	---	---	---	---	19.4	21.1	19.2	12.2
27	---	---	---	---	---	---	---	---	20.7	18.6	19.9	11.7
28	---	---	---	---	---	---	---	---	21.8	17.8	20.7	10.9
29	---	---	---	---	---	---	---	---	22.9	15.6	20.8	11.7
30	---	---	---	---	---	---	---	---	23.3	15.7	21.2	---
31	---	---	---	---	---	---	---	---	---	16.7	20.9	---
MEAN	---	---	---	---	---	---	---	---	21.6	19.4	20.4	17.3
MAX	---	---	---	---	---	---	---	---	23.3	22.6	23.9	20.8
MIN	---	---	---	---	---	---	---	---	19.4	15.6	17.2	10.9

## MISCELLANEOUS WATER-QUALITY PROJECT DATA

## MONONGAHELA RIVER BASIN

03065400 BLACKWATER RIVER NEAR DAVIS, WV--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	7.0	---	7.2
2	---	---	---	---	---	---	---	---	---	7.3	---	7.5
3	---	---	---	---	---	---	---	---	---	7.6	---	7.7
4	---	---	---	---	---	---	---	---	---	7.2	---	7.4
5	---	---	---	---	---	---	---	---	---	7.2	---	7.5
6	---	---	---	---	---	---	---	---	---	7.1	---	7.6
7	---	---	---	---	---	---	---	---	---	7.4	7.5	7.6
8	---	---	---	---	---	---	---	---	---	6.8	7.4	7.5
9	---	---	---	---	---	---	---	---	---	6.5	7.4	7.4
10	---	---	---	---	---	---	---	---	---	6.6	6.9	7.1
11	---	---	---	---	---	---	---	---	---	6.7	7.3	7.5
12	---	---	---	---	---	---	---	---	---	7.3	7.2	7.8
13	---	---	---	---	---	---	---	---	---	7.7	7.1	7.9
14	---	---	---	---	---	---	---	---	---	7.7	7.4	7.7
15	---	---	---	---	---	---	---	---	---	7.8	7.6	8.1
16	---	---	---	---	---	---	---	---	---	7.6	7.5	8.2
17	---	---	---	---	---	---	---	---	---	7.4	7.4	8.4
18	---	---	---	---	---	---	---	---	---	7.2	7.5	8.4
19	---	---	---	---	---	---	---	---	---	6.3	7.5	8.2
20	---	---	---	---	---	---	---	---	---	6.5	7.2	8.1
21	---	---	---	---	---	---	---	---	---	7.2	---	8.5
22	---	---	---	---	---	---	---	---	---	7.0	8.1	8.5
23	---	---	---	---	---	---	---	---	---	7.0	8.0	8.5
24	---	---	---	---	---	---	---	---	---	6.9	7.8	8.0
25	---	---	---	---	---	---	---	---	---	6.4	7.8	8.4
26	---	---	---	---	---	---	---	---	8.1	6.2	7.8	9.3
27	---	---	---	---	---	---	---	---	7.6	6.2	7.6	9.7
28	---	---	---	---	---	---	---	---	7.4	6.5	7.4	9.7
29	---	---	---	---	---	---	---	---	7.2	6.4	7.3	9.7
30	---	---	---	---	---	---	---	---	7.2	5.5	7.4	9.8
31	---	---	---	---	---	---	---	---	---	---	7.3	---
TOTAL	---	---	---	---	---	---	---	---	37.5	208.2	179.4	244.9
MEAN	---	---	---	---	---	---	---	---	7.5	6.9	7.5	8.2
MAX	---	---	---	---	---	---	---	---	8.1	7.8	8.1	9.8
MIN	---	---	---	---	---	---	---	---	7.2	5.5	6.9	7.1

## KANAWHA RIVER BASIN

03190000 MEADOW RIVER AT NALLEN, WV

## WATER-QUALITY DATA

LOCATION.--Lat 38°06'45", long 80°52'35", Fayette County, Hydrologic Unit 05050005, on left bank at highway bridge at Nallen, 0.3 mi downstream from highway bridge on US Highway 19, 2 mi upstream from Anglins Creek, 3 mi downstream from Brackens Creek and Russellville, and at mile 11.0.

DRAINAGE AREA.--287 mi<sup>2</sup>.

PERIOD OF RECORD.--Periodic laboratory analyses, water year 2001.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
APR														
18...	1045	E358	717	11.4	95.4	7.7	94	5.2	34.0	8.5	3.1	<.05	4	--
MAY														
15...	0840	83	714	8.2	87.8	7.1	150	15.5	51.8	13	4.7	.06	4	.90
JUN														
12...	1015	E299	712	8.6	97.4	7.2	99	18.0	36.9	9.5	3.2	<.05	4	--
JUL														
18...	1445	E444	716	8.0	93.6	6.9	109	19.9	36.1	9.5	3.0	<.05	13	--
AUG														
15...	1445	E151	--	8.8	--	7.6	171	22.6	62.6	16	5.5	<.05	1	--
SEP														
17...	1020	E27	717	8.6	93.7	7.4	228	16.5	81.7	21	7.1	.07	5	--

E Estimated value.

< Actual value is known to be less than the value shown.

Multiple Station Analyses

REMARKS.--During May 2001, water-quality data were collected for 10 sites along the Ohio River and its tributaries. This sampling effort, in cooperation with the Ohio River Valley Water Sanitation Commission, is part of the Ohio River Watershed Pollutant Reduction Program.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

STATION NUMBER	DATE	TIME	DIS-CHARGE, INST CUBIC FEET PER SECOND (00061)	DEPTH BOTTOM AT SAMPLE LOCATION, (FEET) (81903)	SAMPLING METHOD, CODES *(82398)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
Ohio River at mile 40.0 nr Chester, WV											
4038080311201	05-01-01	1100	--	6.7	50	11.2	8.0	291	14.7	6	--
	05-01-01	1200	--	6.9	50	10.9	7.6	290	14.7	7	--
	05-01-01	1230	--	--	10	10.9	7.7	298	14.8	6	--
	05-01-01	1300	--	6.5	50	11.1	7.8	289	14.8	6	--
	05-01-01	1400	--	6.5	50	11.0	7.8	289	14.9	6	--
	05-01-01	1500	--	6.5	50	10.8	7.9	299	15.0	7	--
	05-01-01	1600	--	6.5	50	10.9	7.9	290	15.1	8	--
	05-01-01	1619	22800	--	20	11.4	7.8	305	15.2	6	369
	05-01-01	1700	--	6.4	50	11.0	7.9	290	15.2	7	--
	05-01-01	1800	--	6.4	50	11.1	8.0	290	15.2	6	--
Ohio River at mile 69.9 at Follansbee, WV											
401950080361801	05-02-01	1000	--	6.6	50	10.8	7.5	302	16.7	4	--
	05-02-01	1029	--	--	10	10.7	7.7	303	16.3	4	--
	05-02-01	1100	--	6.7	50	10.8	7.6	303	16.4	4	--
	05-02-01	1200	--	6.7	50	10.9	7.7	304	16.4	4	--
	05-02-01	1300	--	6.8	50	11.0	7.7	305	16.5	4	--
	05-02-01	1400	--	7.0	50	10.9	7.7	305	16.6	3	--
	05-02-01	1500	--	6.7	50	11.0	7.8	306	16.6	4	--
	05-02-01	1535	23600	--	20	11.2	7.8	305	16.6	4	255
	05-02-01	1600	--	6.8	50	11.0	7.9	307	16.7	4	--
	05-02-01	1700	--	7.1	50	11.2	7.9	307	16.7	4	--
Ohio River at mile 99.2 at Glendale, WV											
395709080454701	05-03-01	0915	--	7.0	50	11.0	7.8	324	17.0	2	--
	05-03-01	1015	--	7.0	50	11.1	7.8	324	17.0	2	--
	05-03-01	1038	--	--	10	10.6	7.8	322	16.9	3	--
	05-03-01	1115	--	6.8	50	11.1	7.8	318	17.1	3	--
	05-03-01	1215	--	6.9	50	11.1	7.8	324	17.2	3	--
	05-03-01	1315	--	6.7	50	11.2	7.8	322	17.4	3	--
	05-03-01	1415	--	6.8	50	11.2	7.8	323	17.4	2	--
	05-03-01	1458	18800	--	20	10.7	7.9	323	17.2	2	102
	05-03-01	1515	--	6.8	50	11.2	7.9	326	17.6	2	--
	05-03-01	1615	--	6.7	50	11.2	7.9	322	17.6	2	--
Ohio River at mile 129.0 nr New Martinsville, WV											
393754080522701	05-04-01	0930	--	7.1	50	10.8	7.8	339	17.0	4	--
	05-04-01	1030	--	7.5	50	10.8	7.9	338	17.2	4	--
	05-04-01	1053	--	--	10	10.7	7.8	357	17.0	4	--
	05-04-01	1130	--	7.3	50	11.0	7.9	339	17.6	4	--
	05-04-01	1230	--	7.3	50	11.0	8.0	339	17.4	3	--
	05-04-01	1330	--	7.3	50	11.0	8.0	339	17.8	4	--
	05-04-01	1430	--	7.1	50	11.0	8.0	338	17.9	2	--
	05-04-01	1500	28400	--	20	10.9	7.9	358	17.4	4	307
	05-04-01	1530	--	7.1	50	11.0	8.1	339	17.8	4	--
	05-04-01	1630	--	7.1	50	11.1	8.1	339	18.1	5	--
Ohio River at mile 149.0 nr St. Marys, WV											
392631081080801	05-05-01	1045	--	6.9	50	11.2	7.9	333	17.5	4	--
	05-05-01	1145	--	7.0	50	11.3	8.0	334	17.8	3	--
	05-05-01	1210	--	--	10	11.7	8.0	336	17.6	3	--
	05-05-01	1245	--	6.9	50	11.3	8.0	334	17.8	2	--
	05-05-01	1345	--	6.8	50	11.4	8.0	336	18.3	2	--
	05-05-01	1445	--	6.9	50	11.5	8.1	335	18.2	2	--
	05-05-01	1545	--	6.7	50	11.4	8.1	338	18.5	3	--
	05-05-01	1620	21500	--	20	11.2	8.0	340	17.9	3	174
	05-05-01	1645	--	6.8	50	11.3	8.1	338	18.5	3	--
	05-05-01	1745	--	6.8	50	11.3	8.1	338	18.3	3	--

\* The values listed under parameter code 82398 indicate the sampling method associated with each sample, where 10 denotes equal width increment (EWI), 20 denotes equal discharge increment (EDI), and 50 denotes a point sample.

## Multiple Station Analyses--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

STATION NUMBER	DATE	TIME	DIS-CHARGE, INST CUBIC FEET PER SECOND (00061)	DEPTH BOTTOM AT SAMPLE LOCATION (FEET) (81903)	SAM-PLING METHOD, CODES *(82398)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
Ohio River at mile 171.8 at Williamstown, WV											
392432081265301	05-07-01	0830	--	6.9	50	10.8	7.9	340	18.3	2	--
	05-07-01	0930	--	6.9	50	10.7	7.9	340	18.3	2	--
	05-07-01	1000	--	--	10	10.9	7.9	341	18.3	2	--
	05-07-01	1030	--	6.9	50	10.7	7.9	341	18.4	3	--
	05-07-01	1130	--	6.9	50	10.8	8.0	340	18.4	2	--
	05-07-01	1230	--	6.9	50	10.8	8.0	340	18.5	3	--
	05-07-01	1330	--	7.6	50	11.1	8.1	340	18.6	4	--
	05-07-01	1410	11900	--	20	11.1	8.0	350	18.7	2	64
	05-07-01	1430	--	7.1	50	11.1	8.1	341	18.6	3	--
	05-07-01	1530	--	7.2	50	11.1	8.1	340	18.7	3	--
Ohio River at mile 175.1 nr Williamstown, WV											
392239081293401	05-09-01	0930	--	6.3	50	10.0	8.1	406	19.1	6	--
	05-09-01	1030	--	6.4	50	9.9	8.2	416	19.2	9	--
	05-09-01	1100	--	--	10	9.9	8.2	413	19.1	8	--
	05-09-01	1130	--	6.3	50	9.9	8.2	412	19.2	9	--
	05-09-01	1230	--	6.8	50	10.2	8.3	409	19.2	10	--
	05-09-01	1330	--	7.1	50	10.4	8.3	409	19.2	6	--
	05-09-01	1430	--	7.1	50	10.4	8.4	409	19.2	5	--
	05-09-01	1530	--	6.3	50	10.4	8.3	404	19.2	5	--
	05-09-01	1605	14600	--	20	11.1	8.4	413	19.7	6	237
	05-09-01	1630	--	6.6	50	10.8	8.5	404	19.4	6	--
Ohio River at mile 184.3 at Parkersburg, WV											
391616081340301	05-10-01	1030	--	6.6	50	10.5	8.4	421	19.8	6	--
	05-10-01	1130	--	6.6	50	10.6	8.4	420	19.8	7	--
	05-10-01	1150	--	--	10	11.1	8.4	410	19.7	6	--
	05-10-01	1230	--	6.6	50	10.7	8.4	420	19.9	8	--
	05-10-01	1330	--	6.7	50	11.0	8.5	420	20.0	10	--
	05-10-01	1430	--	6.8	50	11.1	8.5	411	20.0	7	--
	05-10-01	1530	--	6.9	50	10.7	8.4	412	20.2	9	--
	05-10-01	1555	25700	--	20	11.0	8.4	409	20.2	7	486
	05-10-01	1630	--	6.6	50	10.9	8.4	411	20.3	8	--
	05-10-01	1730	--	6.8	50	10.8	8.4	407	20.2	6	--
Ohio River at mile 207.7 nr Belleville, WV											
390436081463201	05-11-01	1000	--	6.8	50	10.3	8.3	405	19.6	6	--
	05-11-01	1100	--	6.9	50	10.4	8.4	405	19.7	6	--
	05-11-01	1131	--	--	10	10.7	8.4	406	19.7	8	--
	05-11-01	1200	--	6.9	50	10.6	8.4	405	19.7	8	--
	05-11-01	1300	--	6.8	50	10.7	8.4	405	19.8	--	--
	05-11-01	1400	--	6.7	50	10.9	8.4	406	19.9	8	--
	05-11-01	1500	--	6.9	50	10.9	8.5	406	20.0	7	--
	05-11-01	1530	13000	--	20	11.1	8.5	406	20.2	11	386
	05-11-01	1600	--	7.1	50	11.0	8.5	406	20.2	8	--
	05-11-01	1700	--	7.2	50	10.7	8.5	406	20.2	6	--
Ohio River at mile 264.0 nr Point Pleasant, WV											
385138082081101	05-12-01	1045	--	6.9	50	10.2	8.2	394	20.6	6	--
	05-12-01	1105	--	--	10	10.3	8.2	394	20.4	4	--
	05-12-01	1145	--	6.7	50	10.2	8.2	394	20.6	8	--
	05-12-01	1245	--	6.5	50	10.3	8.2	394	20.4	6	--
	05-12-01	1345	--	6.9	50	10.5	8.3	395	20.8	6	--
	05-12-01	1445	--	6.5	50	10.4	8.3	396	20.8	10	--
	05-12-01	1545	--	6.8	50	10.4	8.3	397	20.8	7	--
	05-12-01	1610	22100	--	20	10.3	8.2	397	20.6	4	239
	05-12-01	1645	--	7.0	50	10.4	8.2	397	20.8	1	--
	05-12-01	1745	--	6.8	50	10.4	8.3	398	20.7	6	--

\* The values listed under parameter code 82398 indicate the sampling method associated with each sample, where 10 denotes equal width increment (EWI), 20 denotes equal discharge increment (EDI), and 50 denotes a point sample.